

What is claimed is:

*sub. a1*

1. An active matrix substrate, comprising:  
electrode wires constituted by scanning electrodes  
and signal electrodes that are arranged in a lattice;  
an insulating film provided at least on the  
electrode wires so as to have openings in predetermined  
areas at least either on the scanning electrodes or on  
the signal electrodes; and  
a metal layer stacked on the electrodes in the  
openings.

2. The active matrix substrate as defined in claim 1,  
wherein:

the metal layer includes at least one kind of metal  
film selected from the group consisting of a nickel film,  
a copper film, and a gold film.

3. The active matrix substrate as defined in claim 1,  
wherein:

the metal layer includes a plurality of layers.

4. The active matrix substrate as defined in claim 1,  
wherein:

at least either the scanning electrodes or the

signal electrodes are fabricated from a transparent conducting oxide film.

5. The active matrix substrate as defined in claim 1, wherein:

the insulating film is made of SiNx.

6. The active matrix substrate as defined in claim 1, wherein:

the metal layer is formed by wet plating.

7. A display device, comprising:

an active matrix substrate; and

an electro-optical medium driven by the active matrix substrate,

the active matrix substrate including: electrode wires constituted by scanning electrodes and signal electrodes that are arranged in a lattice; an insulating film provided at least on the electrode wires so as to have openings in predetermined areas at least either on the scanning electrodes or on the signal electrodes; and a metal layer stacked on the electrodes in the openings.

8. The display device as defined in claim 7,

wherein:

the metal layer includes at least one kind of metal film selected from the group consisting of a nickel film, a copper film, and a gold film.

9. The display device as defined in claim 7,  
wherein:  
the metal layer includes a plurality of layers.

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10. The display device as defined in claim 7,  
wherein:  
at least either the scanning electrodes or the signal electrodes are fabricated from a transparent conducting oxide film.

11. The display device as defined in claim 7,  
wherein:  
the insulating film is made of SiNx.

12. The display device as defined in claim 7,  
wherein:  
the electro-optical medium is a liquid crystal.

13. The display device as defined in claim 7,  
wherein:  
the metal layer is formed by wet plating.

14. An image-capturing device, comprising:  
an active matrix substrate; and  
a photoconductor of which electric charge is read by  
the active matrix substrate

the active matrix substrate including: electrode  
wires constituted by scanning electrodes and signal  
electrodes that are arranged in a lattice; an insulating  
film provided at least on the electrode wires so as to  
have openings in predetermined areas at least either on  
the scanning electrodes or on the signal electrodes; and  
a metal layer stacked on the electrodes in the openings.

15. The image-capturing device as defined in claim 14,  
wherein:

the metal layer includes at least one kind of metal  
film selected from the group consisting of a nickel film,  
a copper film, and a gold film.

16. The image-capturing device as defined in claim 14,  
wherein:

the metal layer includes a plurality of layers.

17. The image-capturing device as defined in claim 14,  
wherein:

at least either the scanning electrodes or the

signal electrodes *AK* are fabricated from a transparent conducting oxide film.

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18. The image-capturing device as defined in claim 14,  
wherein:

the insulating film is made of SiNx.

19. The image-capturing device as defined in claim 14,  
wherein:

the photoconductor is made of amorphous selenium.

20. The image-capturing device as defined in claim 14,  
further comprising:

a luminescent layer.

21. The image-capturing device as defined in claim 14,  
wherein:

the metal layer is formed by wet plating.

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*Subt. a6* 22. A method of manufacturing an active matrix substrate, comprising the steps of:

(a) forming scanning electrodes and signal electrodes, for acting as electrode wires, arranged in a lattice on a substrate;

(b) forming an insulating film at least on the

electrode wires so as to have openings in predetermined areas at least either on the scanning electrodes or on the signal electrodes; and

(c) forming a metal layer selectively in the openings on the electrodes.

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23. The method of manufacturing an active matrix substrate as defined in claim 22,

wherein:

the insulating film is made of SiNx.

24. The method of manufacturing an active matrix substrate as defined in claim 22,

wherein:

the insulating film is made of SiNx, and the metal layer is made of copper.

25. The method of manufacturing an active matrix substrate as defined in claim 22,

wherein:

the metal layer is formed by electric plating.

26. The method of manufacturing an active matrix substrate as defined in claim 22,

wherein:

the metal layer is formed by electroless plating.

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the metal layer is formed by electroless plating.